

### **Amendments to the Claims**

#### **Listing of Claims:**

1. (original) A method for completing a multimedia call addressed to a user address of a mobile user, the mobile user having registered to receive a multimedia call at a multimedia terminal with a personal intelligent device ("PID"), comprising:
  - storing a user address and a physical address of the multimedia terminal in a mobile user record, wherein the user address was received from the PID via the multimedia terminal;
  - responsive to a multimedia call addressed to the user address, determining the physical address based at least partly from the mobile user record;
  - transmitting call notification information to the multimedia terminal at the physical address; and
  - completing the multimedia call to the multimedia terminal at the physical address.
2. (original) The method of claim 1, wherein the call notification information includes the user address.
3. (original) The method of claim 2, wherein the call notification information includes a call announcement message.
4. (original) The method of claim 1, wherein
  - storing a user address includes storing a PID address, wherein the PID address was received from the PID via the multimedia terminal; and
  - determining the physical address includes determining the PID address.
5. (previously presented) The method of claim 1, wherein the call notification information includes the PID address.
6. (original) The method of claim 5, wherein the call notification information includes a call announcement message.

7. (original) The method of claim 4, wherein transmitting the call notification information includes transmitting a call announcement message addressed to the PID address.
8. (original) The method of claim 4, wherein  
storing a user address includes storing a user credential, wherein the user credential was received from the PID via the multimedia terminal; and  
determining the physical address of the multimedia terminal includes determining the PID address.
9. (original) The method of claim 8, wherein the step of storing in a memory a mobile user record is performed only if the user address is determined to be authentic based at least in part from the user credential.
10. (original) The method of claim 8, wherein the step of storing in a memory a mobile user record is performed only if the user address is determined to be authorized.
11. (original) The method of claim 9, wherein the step of storing in a memory a mobile user record is performed only if the user address is determined to be authorized.
12. (original) The method of claim 8, wherein completing the multimedia call to the multimedia terminal at the physical address includes:  
receiving a second user credential; and  
completing the multimedia call to the multimedia terminal at the physical address only if the received second user credential corresponds to the stored user credential.
13. (original) A method for processing a multimedia call addressed to a user address of a mobile user having used a personal intelligent device ("PID") to register to receive a multimedia call at a multimedia terminal, comprising:  
associating a physical address of the multimedia terminal and a user address, the user address having been received from a PID via the multimedia terminal;  
responsive to a multimedia call addressed to the user address, determining the physical address based at least partly from the association of the physical address and the user address;  
determining that the multimedia call cannot be completed to the physical address;

determining a second physical address, wherein the physical address and the second physical address are each part of a hunt group of physical addresses;  
transmitting call notification information to the multimedia terminal at the second physical address; and  
completing the multimedia call to the second physical address.

14. (original) The method of claim 13, wherein the call notification information includes the user address.

15. (currently amended) The method of claim 14, wherein the call notification information ~~includes~~ includes a call announcement message.

16. (original) An apparatus for completing a multimedia call addressed to a user address of a mobile user who registered, using a personal intelligent device ("PID"), to receive a multimedia call at a multimedia terminal, comprising;

- a. a processor; and
- b. a memory, coupled to said processor, storing a plurality of instructions adapted to be executed by said processor to:
  - store a user address and a physical address of the multimedia terminal in a mobile user record, wherein the user address was received from a PID via the multimedia terminal;
  - responsive to a multimedia call addressed to the user address, determine the physical address based at least partly from the mobile user record;
  - transmit call notification information to the multimedia terminal at the physical address; and
  - complete the multimedia call to the multimedia terminal at the physical address.

17. (original) The apparatus of claim 16, wherein  
the user address storing instructions include instructions to store a PID address, wherein the PID address was received from the PID via the multimedia terminal; and  
the physical address determining instructions include instructions to determine the PID address.

18. (original) The apparatus of claim 17, wherein:  
the user address storing instructions include instructions to store a user credential,  
wherein the user credential was received from the PID via the multimedia terminal; and  
the physical address determining instructions include instructions to determine the PID  
address.
19. (original) A system for completing a multimedia call addressed to a user address of a  
mobile user who registered to receive a multimedia call at a multimedia terminal, comprising:  
means for storing a user address and a physical address of the multimedia terminal in a  
mobile user record;  
responsive to a multimedia call addressed to the user address, means for determining the  
physical address based at least partly from the mobile user record;  
means for transmitting call notification information to the multimedia terminal at the  
physical address; and  
means for completing the multimedia call to the multimedia terminal at the physical  
address.
20. (currently amended) A medium storing a plurality of instructions adapted for execution  
by a processor for completing a multimedia call addressed to a user address of a mobile user who  
registered to receive a multimedia call at a multimedia terminal, said plurality of instructions  
comprising instructions to:  
store a user address and a physical address of the multimedia terminal in a mobile user  
record, wherein the user address was received from a personal intelligent device ("PID") via the  
multimedia terminal;  
responsive to a multimedia call addressed to the user address, determine the physical  
address based at least partly from the mobile user record;  
transmit call notification information to the multimedia terminal at the physical address;  
and  
complete the multimedia call to the multimedia terminal at the physical address.
21. (original) The medium of claim 20, wherein  
the instructions to store a user address include instructions to store a PID address,  
wherein the PID address was received from the PID via the multimedia terminal; and

the instructions to determine the physical address include instructions to determine the PID address.

22. (original) The medium of claim 20, wherein

the instructions to store a user address include instructions to store a user credential, wherein the user credential was received from the PID via the multimedia terminal; and

the instructions to determine the physical address of the multimedia terminal include instructions to determine the PID address.

23. (previously presented) The medium of claim 20, wherein the instructions to complete the multimedia call to the multimedia terminal at the physical address include instructions to:

receive a second user credential; and

complete the multimedia call to the multimedia terminal at the physical address only if the received second user credential corresponds to the stored user credential.